

INTERPRETATION SYSTEM AND METHOD FOR MULTI-THREADED EVENT LOGS

ABSTRACT OF THE DISCLOSURE

A system and method for automatically interpreting a multi-threaded event log. A medical imaging device such as a magnetic resonance (MR) or computed tomography (CT) device records imaging data correlating to medical examinations. The imaging data is stored in an event log along with other data such as system errors and table movement. Certain useful information must be extracted from the event logs to provide useful reports for clinician review or further processing. The present system incorporates a state machine to extract useful information based on predefined conditions. The useful information is automatically extracted from the event log and stored in a reduced data set event log.